PD-1 POWER DISTRIBUTION UNIT

USER MANUAL

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Specifications

Power Supply	AC 3 Phase 380 ~ 415V 50Hz
Protection	MCB 1 x 63A / MCB 6 x 32A
Power Input Connector	C63 Male Socket (plug provided)
Indicators	6 x Voltage, 6 x Ampere Meters
Power Outputs	1 x C63 Female Socket / 6 x C32 Female Sockets (Plugs provided)
	1 x 13A UK Socket / 1 x Schucko Socket
Auxilary Outputs	1 x USB Socket (5V)
Accessory	1 x USB Goose Neck Light on USB Connector
Accessory Optional	UC-8U Series Flightcase
Dimensions H x W x D (mm)	In carton 410 X 670 X 570 Unit size 356 x 483 x 455
Weight (Kgs)	Net weight 23.4 Gross weight 27.8

As part of our continuous R & D programme OHM(UK)LTD reserve the right to change specifications without prior notice
E&O.E.

USER MANUAL
PD-1 POWER DISTRIBUTION UNIT

The information contained within this manual does not include all of the details of design, production or variations of the equipment. Nor does it cover every possible situation that may arise during installation, operation or maintenance. If you need particular assistance beyond the scope of this manual please contact our technical staff.

CAUTION

RISK OF ELECTRIC SHOCK DO NOT OPEN

WARNING! RISK OF HAZARDOUS ENERGY!

TO REDUCE RISK OF ELECTRIC SHOCK OR FIRE DO NOT EXPOSE TO RAIN OR MOISTURE.

NO USER SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

UNIT MUST BE EARTHED AND CORRECTLY FUSED.

The lightning bolt triangle is used to alert the user to the presence of un-insulated "dangerous voltage" within the unit that may constitute a risk of electric shock.

The exclamation mark triangle is used to alert the user to important operating or maintenance instructions in the literature accompanying the product.

CE

CE Conformity

This equipment has been tested and found to conform to the requirements of the EMC Directive 89/336/EEC, the requirements of the Low Voltage Directive 73/23/EEC, amended by 93/68/EEC and to the following standards:

EMC Emission	EN55103-1 (1996)
EMC Immunity	EN55103-2 (1996)
Electrical Safety	EN60065 (1998)

Features

- 1 x 63 Amp 3 Phase Inlet
- 1 x 63 Amp 3 Phase Outlet
- 3 Phase Isolator for the 3
- 6 x 32 Amp Single Phase Outlets
- 1 x European Shuco Outlet
- 1 x 13 Amp UK Outlet
- 1 x USB Socket
- Individual Voltmeter and Ampmeter for Single Phase Outlets
- Individual Isolators for Single Phase Outlets
- Attractive styling

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Introduction

Congratulations on having purchased an OHM PD-1 Power Distribution Unit
Please read this manual and familiarise yourself with the operation of your OHM PD-1 Power Distribution Unit before you attempt to power up this unit. For your own safety we recommend you take the time to read all the warnings and precautions on the page opposite and study the connection details to ensure correct usage and avoid any misuse which may invalidate your warranty.

Record the model and serial number, found on the back of the unit, in the spaces designated on the warranty card and in the space provided below. Refer to the model and serial number whenever you call upon your dealer for information or service on this product.

Model	**Serial Number**

Unpacking

Carefully open the shipping carton and check for any noticeable damage.

Every OHM PD-1 Power Distribution Unit has been rigorously tested and inspected before being carefully packaged, prior to shipping. If any damage has occurred to the packaging or the unit during transit, please notify the delivery company as soon as possible. Only the consignee can file a claim against the carrier for shipping damage. Be sure to save the carton and all packing materials for the carriers inspection.

We recommend that you retain the original carton and packing materials for use should you transport or ship the unit in future.

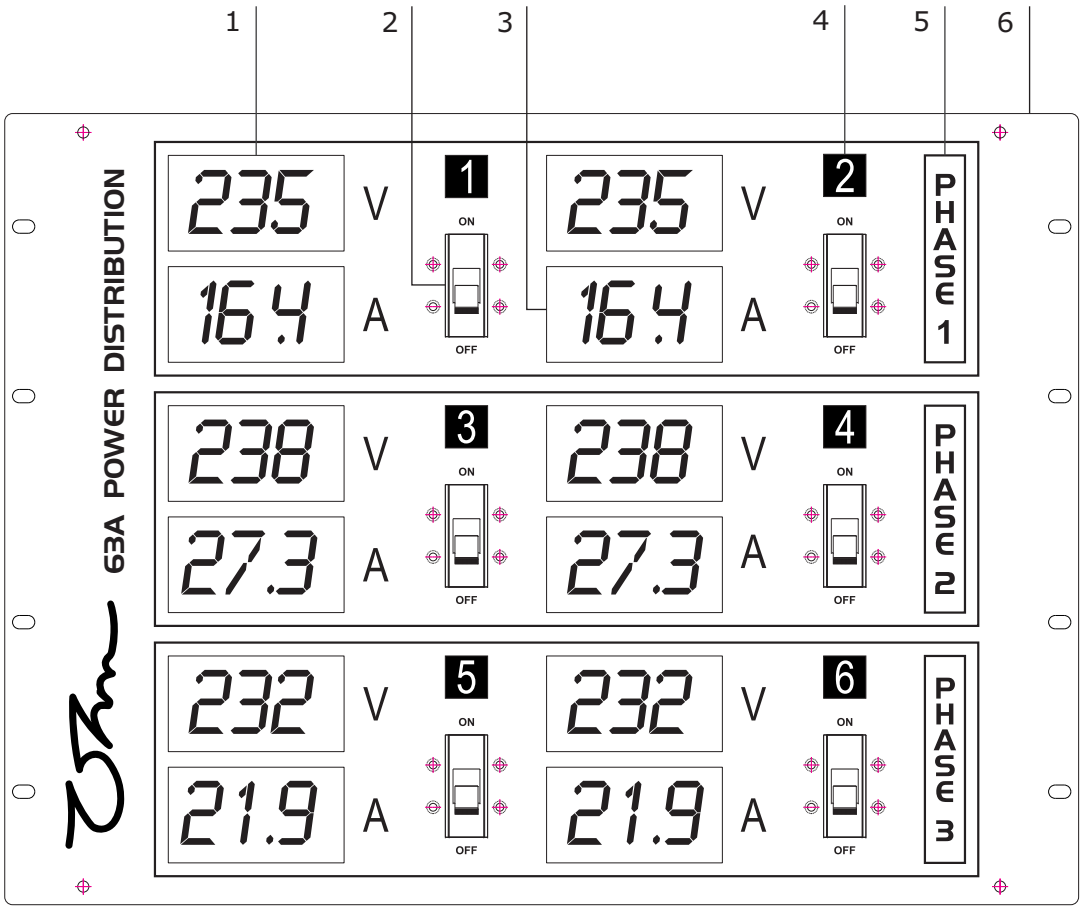
Mounting

Front and rear mountings are fitted to each unit, which conform to standard 19" rack strip specifications. We recommend that you make use of these mountings and install your PP-1 Power Distribution Unit in a suitable equipment rack, such as a UC-8U Flight case, also available from OHM. Please refer to the specification table (page 2) for the correct height and depth information for your particular model and ensure sufficient rack space is available

Precautions

- Retain this manual for future reference.
- Do not stand the patch panel vertically on it's rear.
- Always check that the correctly rated power is supplied to your unit.
- When connecting external units to this unit ensure that correctly wired connectors are used, refer to the user manual for the external unit for this information.
- Avoid direct contact of your unit with water or other liquids. Do not operate while standing in liquid.
- When cleaning the unit wipe with a soft, dry cloth. If more heavy duty cleaning is required disconnect from the mains and use a damp cloth, ensuring that the unit is completely dry before reconnecting to the mains.
- Do not use solvents or chemicals on the exterior of the unit as they may cause the surface to discolour and peel.
- Do not use this unit with frayed or broken power cords.
- If you experience continuous problems, disconnect from the mains and refer to a qualified service engineer.

OPERATING INSTRUCTIONS



FRONT PANEL

1 Voltmeter

Illuminated display of voltage being drawn by the phase.

2 Trip Switch

MCB trip switch

3 Ampmeter

Illuminated display of amperage drawn by the phase.

4 Channel Number

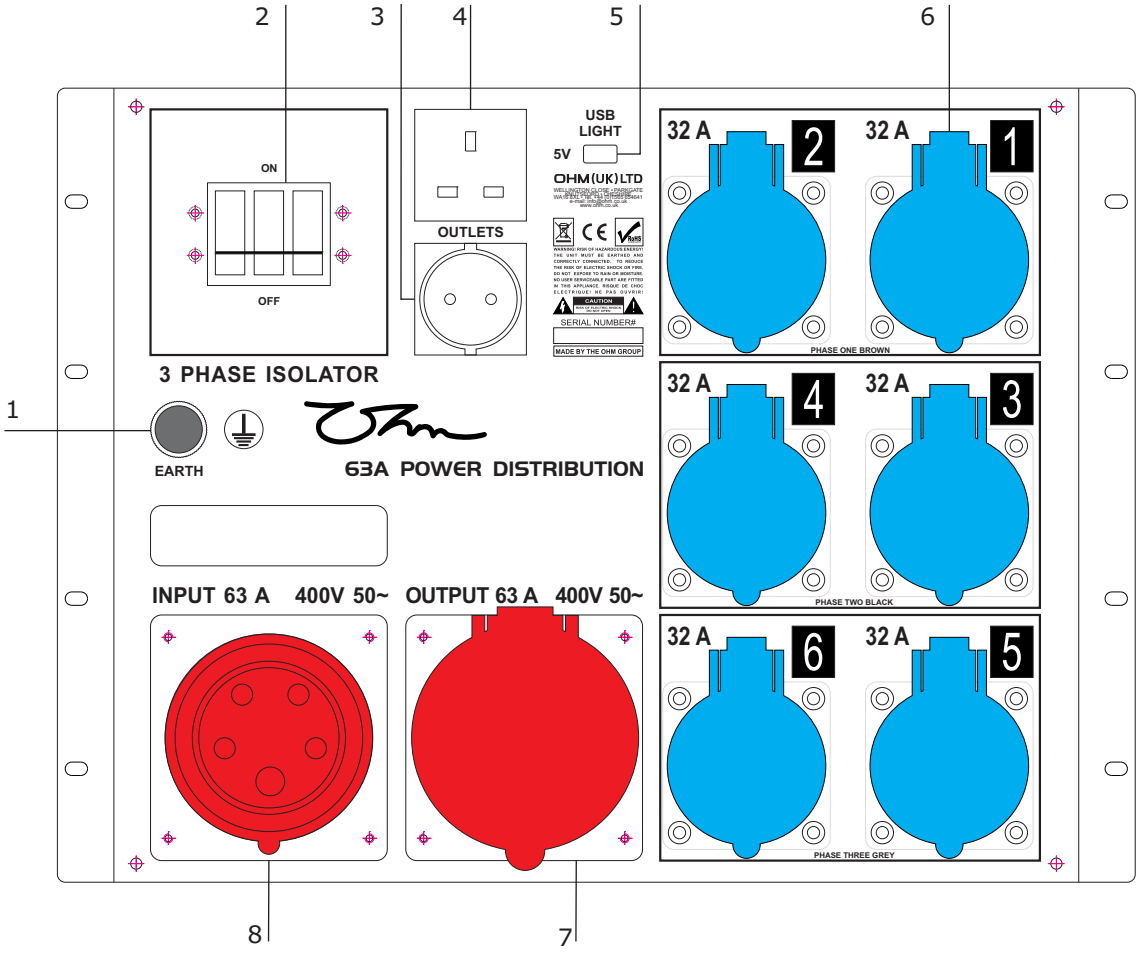
Refers to the channel, 32 Amp per output

5 Phase

Refers to the phase of the two channels, 63 Amp per Phase.

6 Heavy Duty steel case

8 Unit case, including rear support lugs. Designed to fit into the optional OHM 8UC ATA Flight case.



REAR PANEL

1 Earth Terminal.

Additional Earthing point.

2 63 Amp 3 Phase Isolator

This will Isolate the power if any phase goes to short circuit.

3 European Shuco Outlet Socket

European Standard gated Socket.

4 13 Amp Outlet Socket

UK Standard Gated Socket.

5 USB Socket (5v)

USB socket to take USB peripherals such as LED Gooseneck Lights.

6 6 x 32 Amp Outlet Sockets

Standard 32 Amp female socket.

7 63 Amp Outlet Socket

Standard 63 Amp female socket.

8 63 Amp Inlet socket

Standard 63 Amp male socket.

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dealer stamp

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